

DATA BRIEF- PULMONARY

Data Captured

- Claims and expenditure associated with selected pulmonology related procedures
- Claims and expenditure associated with pulmonology related primary diagnoses

Disclaimer & Explanation

Data provided in this response is provided by the Bermuda Health Council and must be cited and authorized prior to publication or use. Bermuda Health Council does not make any guarantees or provide third party validation for the data sources.

Data briefs are created and posted based on input from a variety of stakeholders and are used for multiple applications. The data presented below are by topic, with specifics such as diagnoses codes and procedures codes often coming from the requestor. As a result, the same topic or condition may show different claims data, due to variability in coding selection. Additionally, as information is received, changes in data capture may occur, which may be corroborated by the dates of the request. Due to the nature of procedure coding, many codes are not mutually exclusive to a specific application or specialty, which means values for office visits, for example, may appear in multiple specialty analytics. Additional information is available, with regard to claim type and diagnosis to discern further follow up, as needed. Finally, analytics for “common” coding in any field are strictly based on identically matching values. It is possible other, frequent codes exist, but may not be captured if entered in multiple varied formats.

The data used to generate this brief includes claims data and expenditure from 1 April 2016 to 31 March 2017. Specialist information is generated from 1 April 2016 to 1 March 2018, as available. For any clarification or follow up information, please email healthcouncil@bhec.bm. To submit a topic of interest for a data brief, please complete an online [Data Analysis Interest Form](#).

Data

PULMONARY PROCEDURES

Procedure	Description	Number of Claims	Total Expenditure
94664	Demonstration and/or evaluation of patient utilization of an aerosol generator, nebulizer, metered dose inhaler or IPPB device can be used demonstrating (teaching) patients to use an aerosol generating device property	7	\$ 524.36

98960	Education and training for patient self-management by a qualified, non-physician health care professional using a standardized curriculum, face-to-face with the patient (can include caregiver/family) each session 30 minutes: individual patient.	138	\$ 1,710.00
94002	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or 2ontrrolled breathing, hospital inpatient/observation, initial day	3	\$ 906.69
G0424	Pulmonary rehabilitation, including aerobic exercise (includes monitoring), per session, per day	0	\$ -
G0237	Therapeutic procedures to increase strength or endurance or respiratory muscles, face to face, one on one, each 15 minutes (includes monitoring)	0	\$ -
94010	Spirometry Complete, includes graphic record total and timed vital capacity, expiratory flow rate measurement(s) with or without maximal voluntary ventilation (94010 should not be reported with 94150, 94200, 94375, 94728)	205	\$ 20,377.67
94060	Bronchodilation Responsiveness, spirometry as in 94010, pre- and post-bronchodilator or exercise (94060 should not be reported with 94150, 94200, 94375, 94640, 94728)	173	\$ 23,701.25
94150		12	\$ 207.76
94200	Maximum breathing capacity, maximal voluntary ventilation	0	\$ -
94375	Respiratory Flow Volume loop (94375 should not be reported with 94010, 94060, 94728)	8	\$ 439.99
94726	Plethysmography for determination of lung volumes and, when performed, airway resistance (94726 should not be reported in conjunction with 94727, 94728)	53	\$ 12,521.37
94728	Airway resistance by impulse oscillometry	0	\$ -
94729	Diffusing capacity (e.g., carbon monoxide, membrane)	87	\$ 22,047.20

PULMONARY DIAGNOSES

Primary Diagnosis	Description	Number of Claims	Total Expenditure
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135.0	Sarcoidosis	473	\$ 79,639.76
277.0	Cystic Fibrosis	25	\$ 29,107.87
277.01			
277.02			
277.03			
277.04			
277.05			
277.06			
277.07			
277.08			
277.09			
480.0	Viral pneumonia	31	\$ 27,903.58
480.1			
480.2			
480.3			
480.4			
480.5			
480.6			
480.7			
480.8			
480.9			
481.0	Pneumococcal pneumonia (Streptococcus pneumoniae pneumonia)	60	\$ 29,341.86
482.0	Other bacterial pneumonia	298	\$ 66,730.14
482.1			
482.2			
482.3			
482.4			
482.5			
482.6			
482.7			
482.8			
482.9			
483.0	Pneumonia due to other specified organism	38	\$ 38,075.40
483.1			
483.2			
483.3			
483.4			
483.5			
483.6			
483.7			
483.8			
483.9			

484.0	Pneumonia in infectious diseases classified elsewhere	7	\$ 1,352.63
484.1			
484.2			
484.3			
484.4			
484.5			
484.6			
484.7			
484.8			
485.0	Bronchopneumonia, organism unspecified	298	\$ 100,712.40
486.0	Pneumonia, organism unspecified	7669	\$ 2,452,657.03
487.0	Influenza	1184	\$ 180,865.93
487.1			
487.2			
487.3			
487.4			
487.5			
487.6			
487.7			
487.8			
488.01	Influenza due to identified avian influenza virus	0	\$ -
488.02			
488.03			
488.04			
488.05			
488.06			
488.07			
488.08			
488.09			
490.0	Bronchitis, not specified as acute or chronic	920	\$ 123,577.26
491.0	Chronic bronchitis Total Body Plethysmography	272	\$ 39,103.42
491.1			
491.2			
491.3			
491.4			
491.5			
491.6			
491.7			
491.8			
491.9			
492.0	Emphysema	198	\$ 69,316.97
492.1			
492.2			
492.3			

492.4			
492.5			
492.6			
492.7			
492.8			
493.0	Asthma	*	*
494.0	Bronchiectasis	105	\$ 13,754.93
494.1			
495.0	Extrinsic allergic alveolitis	27	\$ 1,205.87
495.1			
495.2			
495.3			
495.4			
495.5			
495.6			
495.7			
495.8			
495.9			
496.0	Chronic airway obstruction, not elsewhere classified	741	\$ 95,407.39
500.0	Coal workers' pneumoconiosis	0	\$ -
501.0	Asbestosis	10	\$ 4,300.00
502.0	Pneumoconiosis due to other silica or silicates	0	\$ -
503.0	Pneumoconiosis due to other inorganic dust	0	\$ -
504.0	Pneumonopathy due to inhalation of other dust	0	\$ -
505.0	Pneumoconiosis, unspecified	0	\$ -
506.0	Respiratory conditions due to chemical fumes and vapors	13	\$ 9,379.00
506.1			
506.2			
506.3			
506.4			
506.5			
506.6			
506.7			
506.8			
506.9			
507.0	Pneumonitis due to solids and liquids	332	\$ 216,346.80
507.1			
507.2			
507.3			
507.4			
507.5			
507.6			
507.7			
507.8			

508.0	Respiratory conditions due to other and unspecified external agents	33	\$ 4,144.99
508.1			
508.2			
508.3			
508.4			
508.5			
508.6			
508.7			
508.8			
508.9			
510.0	Emphysema	6	\$ 2,222.68
510.1			
510.2			
510.3			
510.4			
510.5			
510.6			
510.7			
510.8			
510.9			
511.0	Pleurisy	697	\$ 121,026.89
511.1			
511.2			
511.3			
511.4			
511.5			
511.6			
511.7			
511.8			
511.9			
512.0	Pneumothorax	69	\$ 18,289.89
512.1			
512.2			
512.3			
512.4			
512.5			
512.6			
512.7			
512.8			
513.0			
513.1			
514.0	Pulmonary congestion and hypostasis	307	\$ 36,157.50
515.0	Postinflammatory pulmonary fibrosis	327	\$ 581,485.54

516.0	Other alveolar and parietoalveolar pneumonopathy	44	\$ 10,410.29
516.1			
516.2			
516.3			
516.4			
516.5			
516.6			
516.7			
516.8			
516.9			
517.0	Lung involvement in conditions classified elsewhere	11	\$ 546.00
517.1			
517.2			
517.3			
517.4			
517.5			
517.6			
517.7			
517.8			
518.0	Other diseases of lung	326	\$ 89,014.15
518.1			
518.2			
518.3			
518.4			
518.5			
518.6			
518.7			
518.8			
519.0	Other diseases of respiratory system	324	\$ 105,935.32
519.1			
519.2			
519.3			
519.4			
519.5			
519.6			
519.7			
519.8			
519.9			
786.05	Shortness of breath	303	\$ 79,781.84
786.09	Other dyspnea and respiratory abnormalities	245	\$ 45,800.99